

## **ENGINEERING CHANGE NOTICE**

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			DAR	T AERO	SPACE	EL	TD				M(I)		
Date: 15.06.05	-	Job No.:		ENG610	5	ΑГ	OR Yes/No: Y	ADR D	ate:	15.02.20		4-	
Product No.: D117-762/D145-762					-	_		Approv			ECN #:	15-	551
Product Name: Skidtube Installation Checked By:							· · · · · · · · · · · · · · · · · · ·						
Distribution	Reqd	Resp		nitial / YY/MM/I	(ac		Distribution		Regd	Resp		nitial / YY/MM	/DDI
Director of Operations	Υ	NF				11	DQA / QA Coord.		Υ	PS/ED			,,,
Production Manager / Coord.	Υ	MP/MF				П	QC Coordinator		Y	PD			
Purchasing Manager / Purchasing Coord.	Y	LL/CL				11	Customer Support		Y	SW / LM			
Production Engineering Coord.	Υ	DD / JLM				1 [	Customer Technical Sup	port	Y	·MB / HS			
Production Engineering Coord.	N	DL					Marketing		Υ	KO/SL			
Customer Order Processing	N	SL/BG				IJ	Sales Support Manager		Υ	CP			
Reason for Change:													
#1 Update skidtube lugs for customer request to	match	OFM skidtube	#2 WFAF	RDI ATE	LIPDATE	FS	FLOAT/STD SKIDTUR	FIIPDA	TES				•
77 Operate Skindabe lago for customer request to	711101011	OZIV OKIGLODO	. //2 00 23 0	U 57115	0. 57111		, , LOTTING TO GRAD TODA	- 0. 57					
Documents Affected:  UPDATE #1 DSI 9719 Rev. A, D3582 Rev. B, D3584 Rev. B  UPDATE #2 MDL-D117-762 Rev. G, IIN-D117-762 Rev. D, ICA-D117-762 Rev. 3, D4680 Rev. D, D4682 Rev. D, D4769 Rev. C, D4770 Rev. B,  D4771 Rev. C, D4772 Rev. B, D4773 Rev. C, D4766 Rev. C, D5085 Rev. A, D5086 Rev. A													
IF APPLICABLE: NCR:		PAR:	•		CAR:		CIR:				URF:		
PAPERWORK UPDATE X	- 1	-	PARTS I	Must (	COMPL	_ _Y	X PREVI	OUS P	ARTS	SATISF	ACTORY		
# Quality Assurance	<b>-</b>	18		Regd	Resp	Т	No	tes			C	omplet	е
1 Notify Previous Customers				N		T							
2 Notify Eurocopter France				N		t					,		
3 Notify Augusta Westland				N		1					l		
4 Manufacturing Licensing Agreement Upd	ate			N		╁					<del>                                     </del>		
4 Manufacturing Elections Agreement Open	-					_		-			I		
# Engineering A	ctions			Reqd	Resp	Г	No	tes			С	omplet	e
5 Required Documents/Drawings/Item ID's	Under F	Review (URF)		Υ	AP	U	RF 15-551 NO LONGER	UNDE	R REVIE	:W	15.06.	σς	4.4
6 Update Master Document List (MDL)				Υ	AP	RI	EV G				15.06.0	25	A.V.
7 Update Document Record (DR)				N		L							
8 Update Product Compatability Matrix				N		1				<b>5</b> 01 (55			4.0
9 Notify TC / FAA of Change (eg. ICA, 811	)-3)			Υ	AP	15/	AA FORM 8110-3 RECE	IVED, F	AA APP	ROVED	15-06.	٥٤	A.P.
10						_							
# Document Control	l Action	าร		Reqd	Resp	Т	No	tes			С	omplet	e 6
11 Move / Update Electronic Files / Design J				Υ	KJ						15,0	6,0	994
12 Update Product Specification Files (Bluef				Υ	KJ	L					15.0	60	950
13 Update Approved/Preliminary Dwg PDF I				Υ	KJ	┺					15.00	or 09	931
14 Update Product Development Summary (				N		╄					ļ		$-\upsilon$
15 Update QSI 021 (TC/FAA STC) and/or S 16 Create/Update Parts / STC Database	I C Appr	ovai List		N	KJ	╀					12 0	/ W	- AL
17 Update / Verify Airworthiness Release Ce	rtificate	Database		<del>-</del>	KJ	╁	· · · · · · · · · · · · · · · · · · ·				15,0		77/
18 Create / Update Change Record Form / It				Y	KJ	Ci	HANGE NUMBERS AFF	ECTED	SEE B	ELOW	11-7-100	0,0	70
19 Create / Update Packaging Process Plan				Y	KJ	Ť			<b>_</b>				
20 Red Decals required on Packaging Proce	ss Plan	(PPP)?		Y	KJ	Ī							
21 Update Controlled Supplier Documents (0				N		L							i A
22 Update Grey Project Binder / Electronic F				Υ	KJ	L					15.00	,09	9710
23 Update D-Part / M-Drawing / DSI / DEO N			TOL	Y	KJ	┡					15.06	09	U971
24 Update "Royalty Paid to" attribute (Parts	sold und	er Dart USA S	sics)	N		╀					<b> </b>		-
25				لــــــا						·			
Description / Action:  UPDATE #1: UPDATE/CREATE BOM/ROUTES PER D3582, D3584, DSI 9714; D117-762-011 NOW AT CHG 003; D117-762-041 NOW AT CHG 002;  ADD DSI 9719 REV A TO EXISTING KITS IN STOCK; RED TAG SKIDTUBES IN PRODUCTION AND REVISE PER ATTACHED DRAWINGS;  SCRAP ANY D3584-1 MADE TO REV A IN STOCK; MDL-D117-762 REV G WILL BE RELEASED ON ECN15-551  UPDATE #2: UPDATE BOMS/ROUTES PER DWG LISTED IN DOCS AFFECTED; D145-762-013/-043/-053/-113/-153 NOW @ CHG 004, D145-762-103 NOW @ CHG 002  D145-762-015/-045/-055/-115/-155 CHANGE NUMBERS NOT AFFECTED SINCE THEY WERE NEVER SOLD.  UPDATE BOM/ROUTES FOR D145-762-103 KIT PER IIN/ICA LISTED IN DOCS AFFECTED.  D4680 SKIDTUBES IN STOCK ARE ACCEPTABLE AT PREVIOUS REVS. ALL OTHER PARTS MUST CONFORM TO NEW DWGS, RE-WORK ACCEPTABLE.													
Lup 12686	H:\Forms\Engineering\approved online eng\ECNrevz.xls  Light Start Freevious Revs. All other FARTS Most Complete:  Date:  Date:							1/4.					
( 2150 H:\Forms\Engineering\approved onlin	e eng\E	( NrevZ.xls	MVV- (	776-	40		- 10 2086	1. Ca	n't				



## **Melanie Fauteux**

From:

**Roberto Fuentes** 

Sent:

Wednesday, June 24, 2015 1:24 PM

To:

Melanie Fauteux

Cc:

Harvey Siemens; Linda Lacelle; Mario Poulin

Subject:

RE: ECN 15-551

Hi Melanie,

That is correct keep those as old change number, I talk to Harvey about adding a note for sales person regarding 4 x D117-762-011 and 1 x D117-762-041 recommended no to sale for customer want or using our bearpaw.

## Roberto

From: Melanie Fauteux Sent: June-24-15 11:14 AM

To: Roberto Fuentes

Cc: Harvey Siemens; Linda Lacelle; Mario Poulin

Subject: ECN 15-551

Hi Roberto,

Just need a confirmation as per our skype yesterday. The  $4 \times D117$ -762-011 and  $1 \times D117$ -762-041 that we have stock are ok to keep at the old change number . The new ones going forward will have the new change number. Thanks

Melanie

DQA:	Date:		•						
		WORK ORDER NON	-CONFORMANCE / UPDATE		AEROSPACE				
Closed:	Date:			Work Order update only					
Work Order: DISPOSITION		AGAINS	AGAINST DEPARTMENT/PROCESS						
Work order.		Rework	Skid-tube Cross tub	e Water Jet	Engineering				
Part No.		Scrap	Machining Small Fa	b Prod. Eng. Coor.	Quality				
		Use-as-is	Thermoforming Finishin	g Rec/Store/Packaging	Other				
NCR No.		Suspected Unapproved	Large Fab Composit	e Supplier					
Date :		Step #:	QTY Effective :		MRB (QSI042) Approval				
	Description Wor	k Order Deviation	Disposit	Disposition					
					Completed By				
		·			Lead hand / Supervisor				
					Approval Verification				
<u> </u>									
					QC / QA Coordinator				
j					Approval				
	Root Cause FAULT CATEGORY								
Environment	No Re-verfication	Pressure/Forced	Temperature/Cure	Power Loss/Surge	Positioned Wrong				
Design	Operator	Bending	Set-up	Folio/Program	Outside Dimensions				
Doc/Data	Offset/Setup	Centre Not Concentric	BOM/Route	Grain	Over/Under tolerand				
Equip/Tooling	Supplier	Cracks	Broken/Damage/Defect	Weld	Part Incorrect				
Handling/Pre	Training	Crimp/Kink/Ripple/Wave	Inspection Incomplete/Unqualified	Wrong Stock Pulled	Part Lost/Missing				
Material	Use for Testing	Cuffs	Contamination	Out of Sequence	Part Moved				
Internal Transport	Poor Information	Crushing	Countersink	Off-set	Drawing				
Tribal Knowledge	Rushing	Heat Treat	Cut Too Short	Mislabeled	Finish				
LOA	Product Improvement	ent Wave/Twist in Tube	Instructions Incomplete/Unclear	Fit/Function	Misread				
Substation	Process Improvement	Marks/Chatter	Drill Holes	Misaligned/off center	Turning Sequence				
Past Expiry Date	Manufacturing Pro	cess							

Past Due

OTHER:

Misidentified